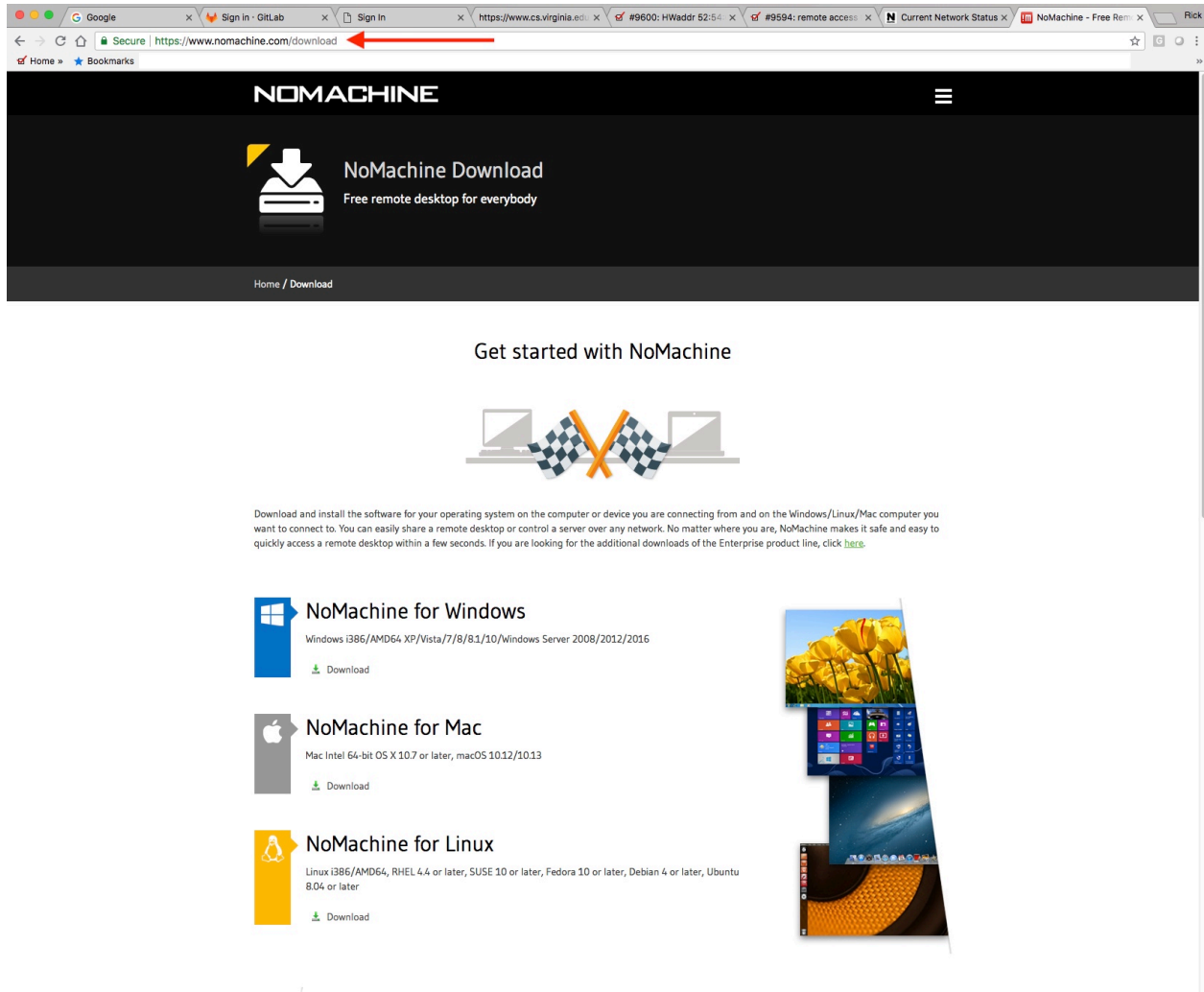


Go to <https://www.nomachine.com/download>

Choose No Machine Client for your OS and download to your system



The screenshot shows a web browser window with the URL <https://www.nomachine.com/download>. The page features the NoMachine logo and a navigation menu. The main heading is "NoMachine Download" with the tagline "Free remote desktop for everybody". Below this, there is a section titled "Get started with NoMachine" which includes an illustration of two laptops connected by checkered flags. A paragraph explains that users can download and install software for their operating system to connect to a remote server. Three download options are listed: "NoMachine for Windows" (supporting Windows i386/AMD64 XP/Vista/7/8/8.1/10/Windows Server 2008/2012/2016), "NoMachine for Mac" (supporting Mac Intel 64-bit OS X 10.7 or later, macOS 10.12/10.13), and "NoMachine for Linux" (supporting Linux i386/AMD64, RHEL 4.4 or later, SUSE 10 or later, Fedora 10 or later, Debian 4 or later, Ubuntu 8.04 or later). Each option has a "Download" button. To the right of the download options is a vertical stack of three desktop environment screenshots: a Windows desktop with yellow tulips, a Windows desktop with a blue sky background, and a Linux desktop with a yellow and black patterned background.

NOMACHINE

NoMachine Download
Free remote desktop for everybody

Home / Download

Get started with NoMachine

Download and install the software for your operating system on the computer or device you are connecting from and on the Windows/Linux/Mac computer you want to connect to. You can easily share a remote desktop or control a server over any network. No matter where you are, NoMachine makes it safe and easy to quickly access a remote desktop within a few seconds. If you are looking for the additional downloads of the Enterprise product line, click [here](#).

- NoMachine for Windows**
Windows i386/AMD64 XP/Vista/7/8/8.1/10/Windows Server 2008/2012/2016
[Download](#)
- NoMachine for Mac**
Mac Intel 64-bit OS X 10.7 or later, macOS 10.12/10.13
[Download](#)
- NoMachine for Linux**
Linux i386/AMD64, RHEL 4.4 or later, SUSE 10 or later, Fedora 10 or later, Debian 4 or later, Ubuntu 8.04 or later
[Download](#)

NoMachine for Mac



Version: 6.2.4_1
Package size: 39.74 MB
Package type: DMG
MD5 signature: aaad816f37902b59d0ba752c37163801
For: Mac Intel 64-bit OS X 10.7/10.8/10.9/10.10/10.11, macOS 10.12/10.13

Download

Downloading and Installing

DMG version

1. Click on Download and save the DMG file.
2. Double-click on the Disk Image to open it and double-click on the NoMachine program icon: the Installer will take you through the installation.
3. When requested, provide your administrative credentials to authorize the installation.

NOTE: click [here](#) for detailed instructions on how to install the NoMachine packages.

Getting Started

Install NoMachine on the connecting client and on the computer you want to access. See the guide for further details:

> [Getting started with NoMachine](#)

Don't forget to check out the other [How-tos](#) in the resources section of the website.

Recommended System Requirements

The software is designed to work on computers with minimal HW requirements. Although the software may work with inferior CPUs or reduced RAM, for best performance NoMachine recommends you match the listed requirements.

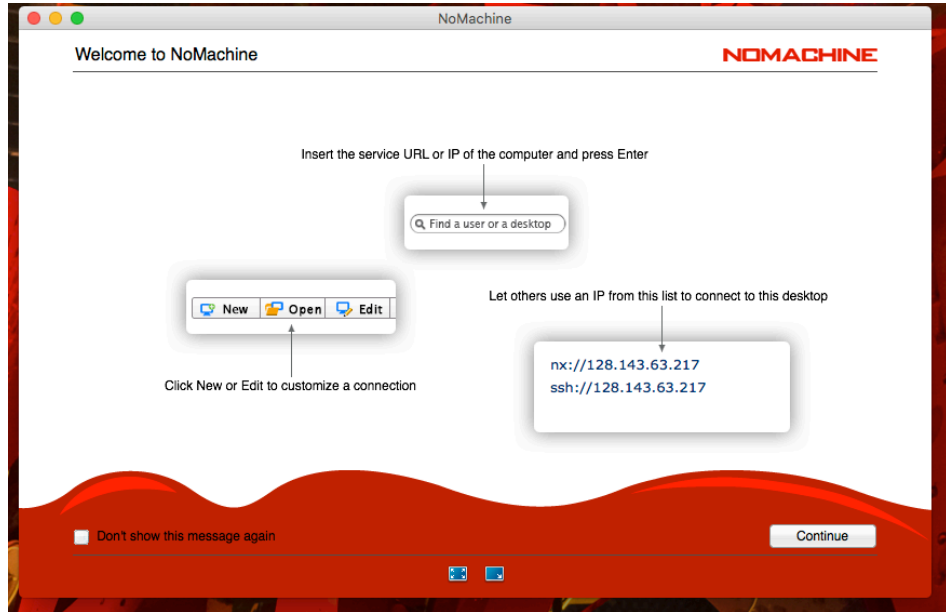
Hardware

- Intel Core2 Duo or equivalent
- 1 GB RAM
- 100 MB free disk space
- Network connection (either a LAN, or Internet link: broadband, cable, DSL, etc.)

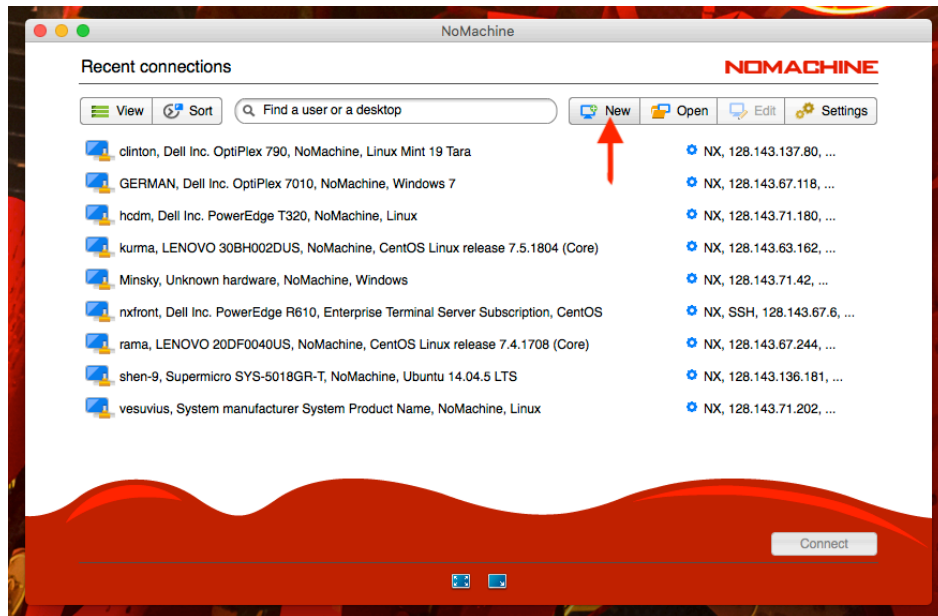
Run the Installer



After Install is complete, you are ready to run No Machine and connect to the NX-Lab via nx.cs.virginia.edu



When you start No Machine Client you might see a list of NX Systems... You need to Click on "New" to setup your connection to nxfront.cs.virginia.edu




Setup connection to nx.cs.virginia.edu Port 4000 Use UDP

New connection **NOMACHINE**


Protocol > Host > Authentication > Proxy > Save as

Insert the hostname or IP and port where you want to connect.

 Host Port

The port was chosen automatically based on the default for the protocol. If the remote computer was configured to listen on a different port, please insert it above.

Use UDP communication for multimedia data




Choose NX protocol

NoMachine


New connection **NOMACHINE**

Protocol > Host > Authentication > Proxy > Save as

Select the protocol to use to connect to the remote computer.

 Protocol

All protocols use cryptography to protect your communication. NX is the native protocol used by NoMachine and is optimized for multimedia data. SSH is an industry standard for accessing computing resources from external networks.




Choose Default Password

New connection NDMACHINE

Protocol → Host → **Authentication** → Proxy → Save as

Choose which authentication method you want to use.

- Password**
Use password authentication.
- Private key**
Use key-based authentication with a key you provide.
- Kerberos**
Use Kerberos ticket-based authentication.





Choose Default Don't use Proxy



New connection NOMACHINE

Protocol > Host > Authentication > Proxy > Save as

Use a proxy for the network connection.


 **Don't use a proxy**
Choose this if you are connecting to a computer on your same LAN or if you are on a residential broadband connection.


 **Connect using a proxy**
Use a proxy if you are connecting to a computer outside your LAN from a corporate network where external access is protected by a firewall.

Accept Host Authenticity

Verify host authenticity NOMACHINE

 The authenticity of host rx.cs.virginia.edu, 128.143.67.6, can't be established. The certificate fingerprint is:
SHA256 2D B9 74 B2 5C 7A 92 6F DD FD 98 2E 0D 35 A1 E5 99 8A A8 5B 81 A7 41 16 8F 46 0F 03 9E 3F 7F B1.
Are you sure you want to continue connecting?




Label Connection (You could even use your UID in Place of “My Connection”
Up to You if you want a Desktop link or not.


New connection NOMACHINE

Protocol > Host > Authentication > Proxy > Save as

Give a name to your connection. Your settings will be saved with this name.

 Name


Create a link on the desktop




You are now ready to make connection to nxfront.cs.virginia.edu
You may see one of two screens

Connection to nx.cs.virginia.edu **NOMACHINE**

View Sort My desktops New desktop













 <Create a new desktop or custom session>

Logged in as fls41 Logout Back Connect

ENTERPRISE TERMINAL SERVER 


Recent connections **NOMACHINE**

View Sort New Open Edit Settings

| | |
|--|---|
|  My Connection to nxfront.cs.virginia.edu Enterprise Terminal Server Subscription 6, Linux |  NX, nxfront.cs.virginia.edu |
|  LabStudent nxfront.cs.virginia.edu, labstudent Enterprise Terminal Server Subscription 6, Linux |  NX, nxfront.cs.virginia.edu |
|  lktomi- nxfront.cs.virginia.edu, stillings Enterprise Terminal Server Subscription 6, Linux |  NX, nxfront.cs.virginia.edu |
|  clinton, Dell Inc. OptiPlex 790 NoMachine, Linux Mint 19 Tara |  NX, 128.143.137.80, ... |
|  GERMAN, Dell Inc. OptiPlex 7010 NoMachine, Windows 7 |  NX, 128.143.67.118, ... |
|  Greene, Dell Inc. Precision Tower 3620 NoMachine, Windows |  NX, 128.143.136.252 |

...


Connect



Use the Username/Password you received in E-mail from the CS Dept. Not your UVA NetBadge Password.

My Connection to **nx.cs.virginia.edu** **NOMACHINE**

Please type your username and password to login.

 Username

Password

Save this password in the connection file

The system will not allow you to continue without resetting your password.

NX **You Must Reset Your Password** **NOMACHINE**

Please type your new password and confirm it

 New password

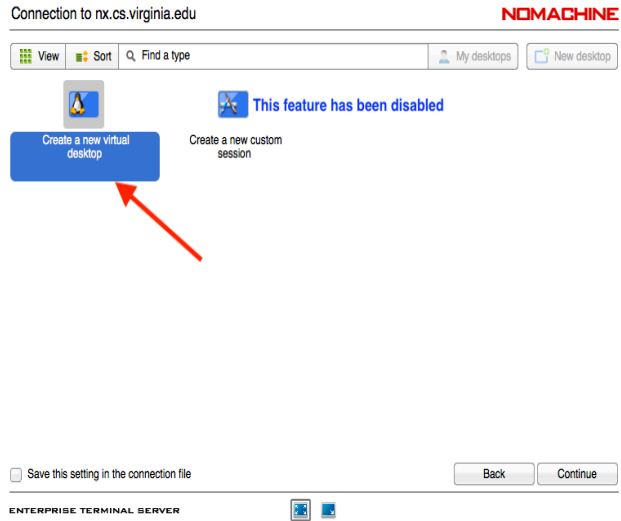
Confirm password

Save this password in the connection file

Must Be 8 or more characters

Must Be 8 or more characters

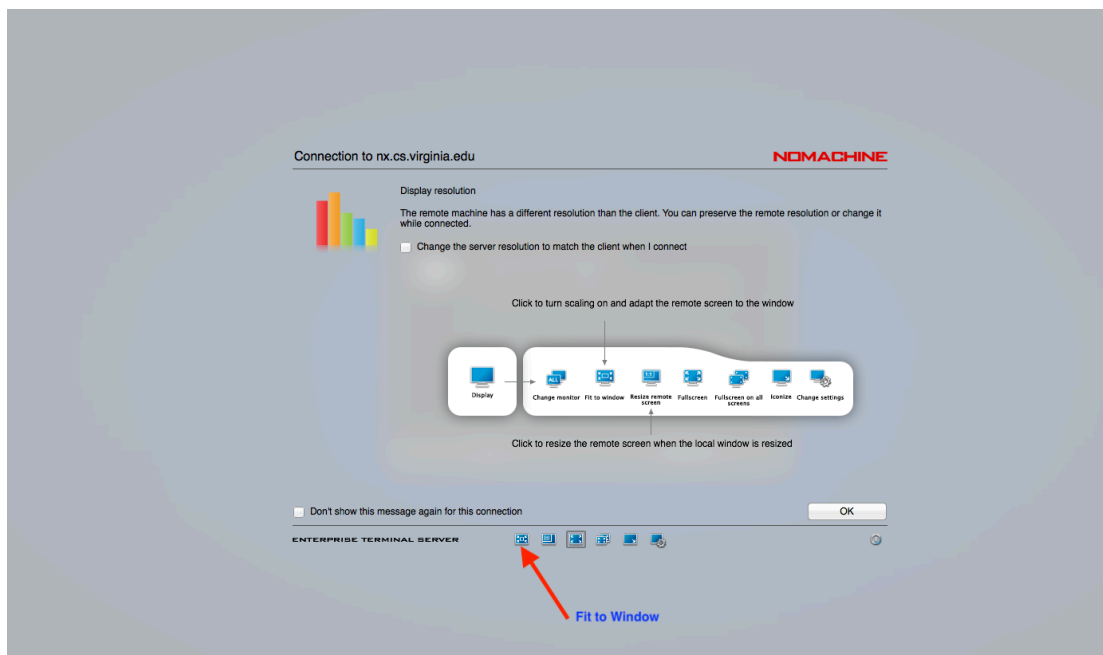
Hopefully you have now connected to the nx.cs.virginia.edu
Now you can create a desktop session.
Click on “Create a new virtual desktop”



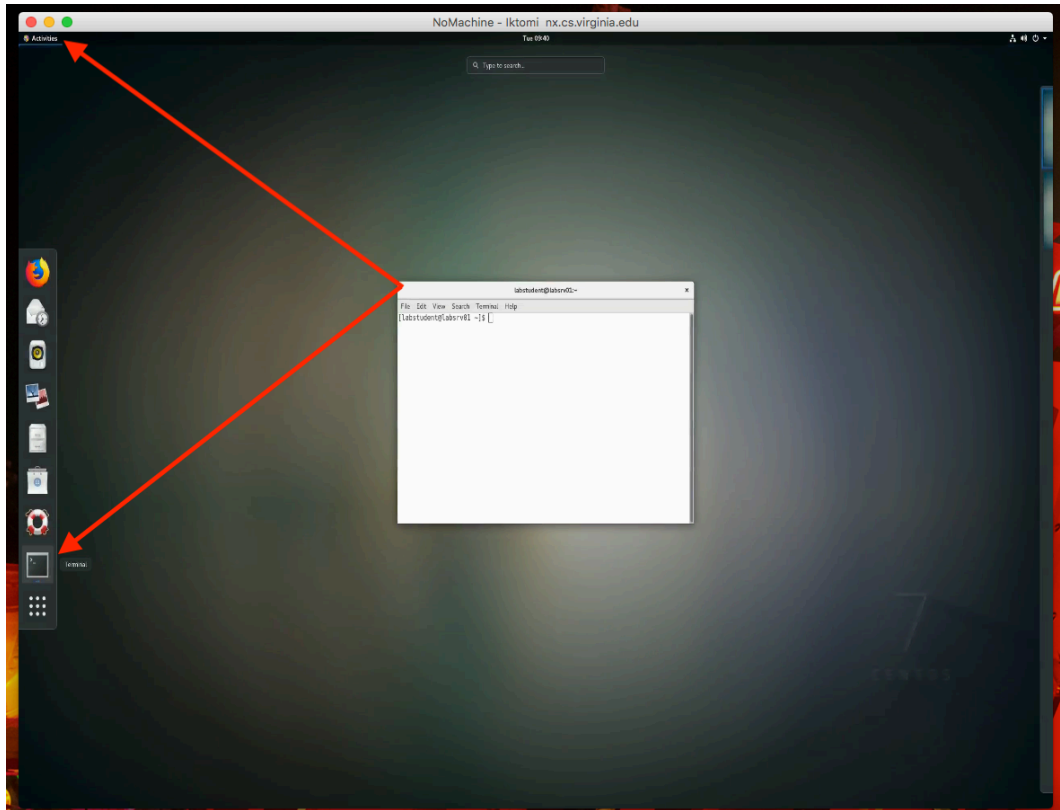
Choose default Display Menu



Suggested you use "Fit to Window"



At this point you should be placed on a Desktop of one of the five backend CentOS lab servers



You can click on "activities" to open terminal or browser

